

Converting Colors

XYZ(56.7726, 60.3565, 62.8260)

Have a look what the booklet for
XYZ(56.7726, 60.3565, 62.8260)
contains.

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Color

**XYZ(56.7687, 60.4827,
62.7151)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCDC7
RGB	203, 205, 199
RGB Percent	80%, 80%, 78%
CMY	0.2039, 0.1961, 0.2196
CMYK	0.01, 0.00, 0.03, 0.20
HSL	80°, 6%, 79%
HSV	80°, 3%, 80%
XYZ	56.7687, 60.4827, 62.7151
YIQ	203.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

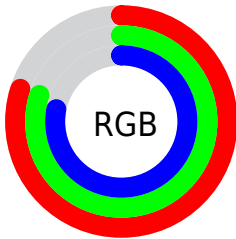
Format	Color
RYB	199, 205, 201
Decimal	13356487
CIELab	82.10, -1.77, 2.73
CIELCh	82, 3.255, 122.913
Yxy	60.4827, 0.3154, 0.3361
Android (android.graphics.Color)	4291546567 (0xFFCBCDC7)
YUV	203.7180, -2.3260, -0.6297
Hunter-Lab	77.7706, -5.8024, 6.6273

Details

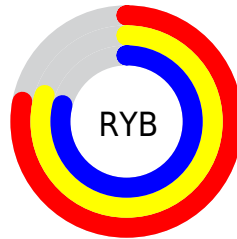
The XYZ color **56.7687, 60.4827, 62.7151** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5327, 57.6738, 65.9661**, and the grayscale version is **57.2318, 60.2124, 65.5713**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.5719, 30.5671, 31.1822** is the 20% darker color. If you saturate the color by 10%, you get **52.7249, 58.6566, 50.9266**, and if you desaturate by 10%, it is **61.2189, 62.4848, 76.1990**.

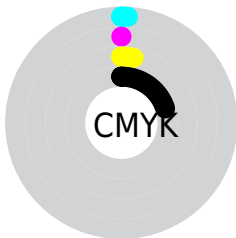
Distribution



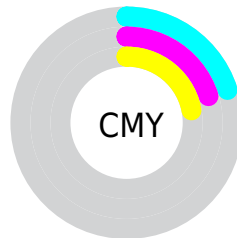
- Red (80%)
- Green (80%)
- Blue (78%)



- Red (78%)
- Yellow (80%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7687, 60.4827, 62.7151 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 56.7687, 60.4827, 62.7151 by changing the saturation by 10% instead.

■ 56.7687, 60.4827,
62.7151

■ 56.7687, 60.4827,
62.7151

402.6102,
426.3747, 452.6142

■ 41.0590, 43.8078,
45.1712

99.2609, 105.5296,
110.3400

■ 28.5530, 30.5195,
31.2484

126.7741,
134.6703, 141.2581

■ 18.8855, 20.2332,
20.5280

158.9526,
168.7352, 177.4714

■ 11.6911, 12.5647,
12.5916

196.1615,
208.1086, 219.3984

■ 6.6044, 7.1295,
7.0205

238.7664,
253.1748, 267.4576

■ 3.2601, 3.5432,
3.3963

287.1326,

■ 1.2927, 1.4215,

304.3183, 322.0676

1.3004

341.6254,
361.9235, 383.6470

■ 0.1778, 0.2325,
0.0621

■ 0.0000, 0.0000,
0.0000

■ 56.7687, 60.4827,
62.7151

■ 56.7687, 60.4827,
62.7151

■ 52.7249, 58.6566,
50.9266

■ 61.2189, 62.4848,
76.1990

■ 49.0687, 56.9929,
40.7625

■ 66.0834, 64.6603,
91.4377

■ 45.7870, 55.4883,
32.1524

■ 70.4775, 66.6573,
103.7593

■ 42.8642, 54.1364,
25.0196

■ 72.6354, 67.7698,
103.8603

■ 40.2833, 52.9302,
19.2805

■ 74.8796, 68.9267,
103.9653

■ 38.0258, 51.8623,
14.8434

■ 77.2111, 70.1286,
104.0745

■ 36.0710, 50.9242,
11.6055

■ 79.6307, 71.3760,
104.1877

■ 34.3953, 50.1064,
9.4486

■ 81.1225, 72.1451,
104.2575

■ 32.9704, 49.3973,
8.2303

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.4196, 60.4827, 62.1310



56.7687, 60.4827, 62.7151



56.3132, 60.4827, 64.1394

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.7687, 60.4827, 62.7151



56.8847, 60.4827, 69.2985



58.8230, 60.4827, 65.6623

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.7687, 60.4827, 62.7151



55.5327, 57.6738, 65.9661

Split Complementary

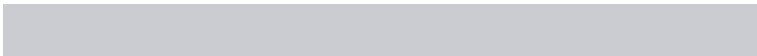
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.6770, 60.4827, 67.6017



56.7687, 60.4827, 62.7151



57.5545, 60.4827, 69.7257

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.7687, 60.4827, 62.7151



56.3798, 60.4827, 67.9428



58.2113, 60.4827, 69.0988



58.6086, 60.4827, 63.8111

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.7687, 60.4827, 62.7151



56.1797, 60.4827, 65.3875



58.2113, 60.4827, 69.0988



58.8144, 60.4827, 66.3255

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.7704, 60.4853, 62.7164



94.3296, 99.6758, 106.7374



56.3745, 58.8780, 62.4270



20.1980, 21.3381, 22.8690



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.7704, 60.4853, 62.7164



92.2094, 98.7203, 100.4212



55.9615, 60.0683, 62.6786



12.1929, 13.0903, 13.1689



20.0741, 30.5239, 4.8337



1.1140, 1.6151, 0.2530

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.5327, 57.6738, 65.9661



89.4259, 92.3978, 107.7290



56.3469, 58.0935, 66.0042



11.7660, 12.1205, 14.2897



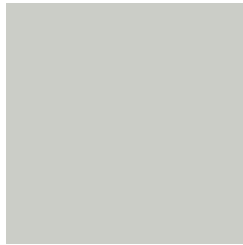
8.4535, 3.5655, 36.1989



0.5165, 0.2254, 1.8712

Previews

White Background



This preview shows how the XYZ color 56.7687, 60.4827, 62.7151 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 56.7687, 60.4827, 62.7151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

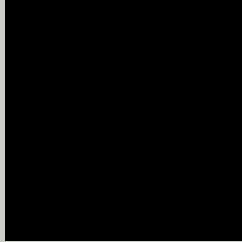
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

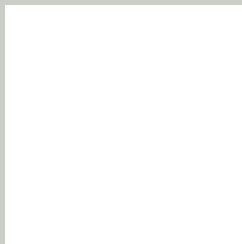
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7687, 60.4827, 62.7151

Background



This preview shows how black text looks on a background with the XYZ color 56.7687, 60.4827, 62.7151.



This preview shows how white text looks on a background with the XYZ color 56.7687, 60.4827,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.7687, 60.4827, 62.7151

Protanopia

57.8435, 60.3444, 62.0250

Deuteranopia

61.5602, 60.1571, 63.6252



Tritanopia

59.2290, 60.4248, 74.8711

Trichromacy



Original Color

56.7687, 60.4827, 62.7151

Protanomaly

57.5180, 60.5283, 62.0777

Deuteranomaly

59.6949, 60.2304, 63.1230

Tritanomaly

58.2906, 60.3942, 70.2130

Monochromacy



Original Color

56.7687, 60.4827, 62.7151

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.1554, 60.2874, 64.5013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7687, 60.4827, 62.7151 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(203, 205, 199) looks like.

```
.text, #text, p{  
    color:rgb(203, 205, 199)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 205, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 205, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.7687, 60.4827, 62.7151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 205, 199) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 205, 199) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 205, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 205, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 205, 199); box-shadow:4px 4px 4px 4px rgb(203, 205, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7687, 60.4827, 62.7151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 205, 199) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
205, 199) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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